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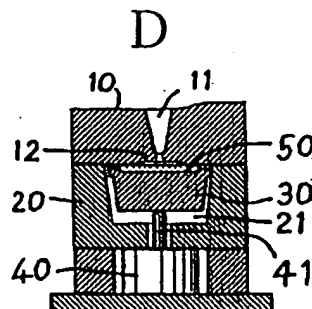
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(54) Insert molding method and mold

(57) This invention concerns a molding method, in which a synthetic resin or rubber is molded upon an insert (work piece) which is set beforehand inside a mold, and a mold to be used in said method, that are excellent in terms of prevention of insert breakage, prevention of burr formation, and manufacture, operation, maintenance, etc. of molds.

A movable supporting member (30) which supports an insert (50) is fitted in a recess (21) on the upper face of the lower mold (20). Beneath its center of gravity, its lower face is supported and pressed towards the upper mold (10) by the tip of a shaft (41) of a pressing mechanism (40). A gap between the side face of the recess (21) and the side face of the movable supporting member (30) allows the member (30) to tilt about the point of support so that the upper face of the insert (50) will be in uniform surface contact with the lower face of the upper mold.

FIG. 1



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FIG.2

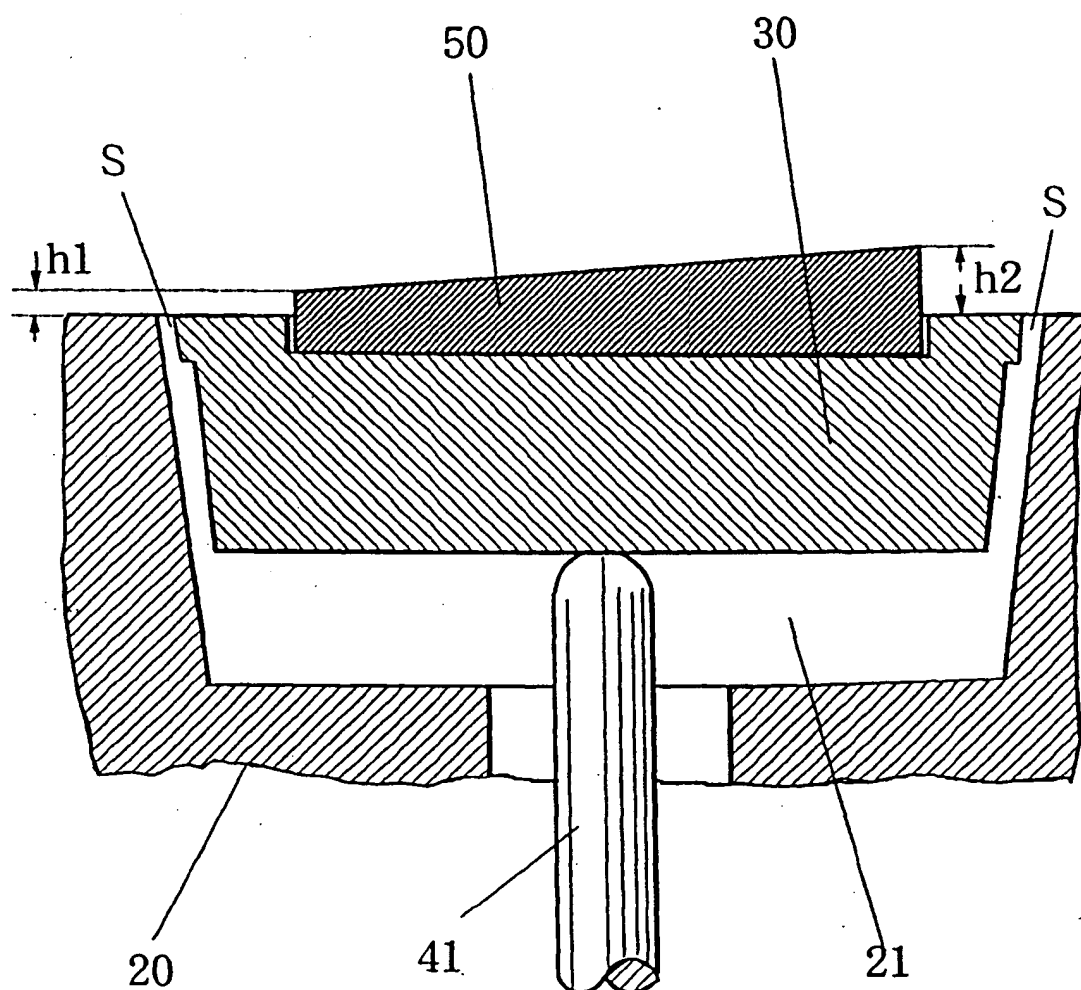


FIG.3

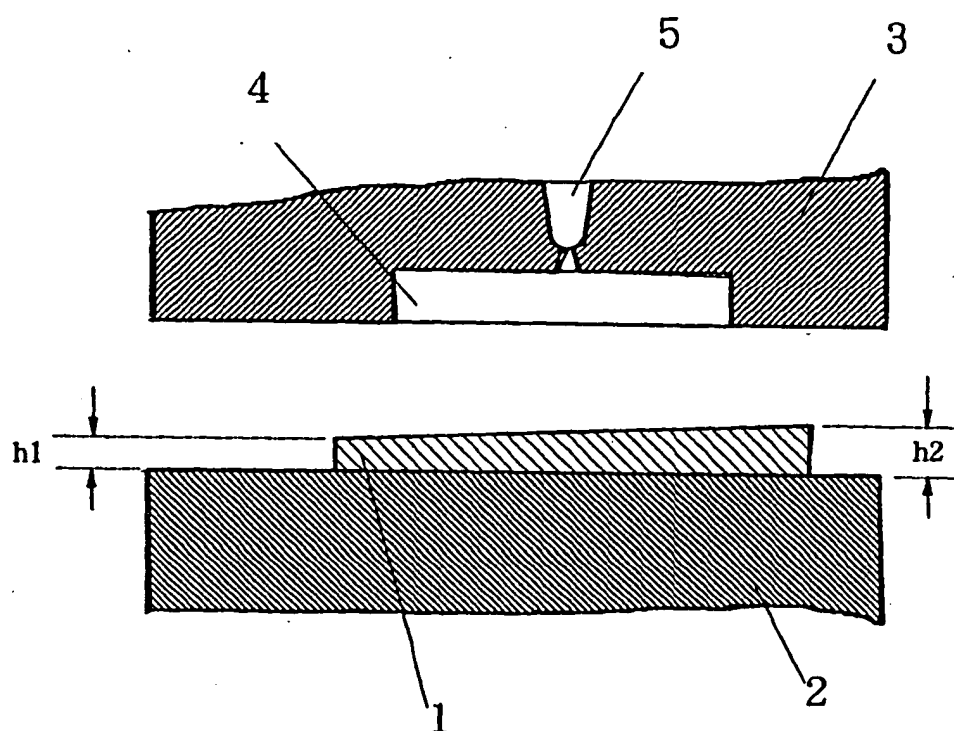
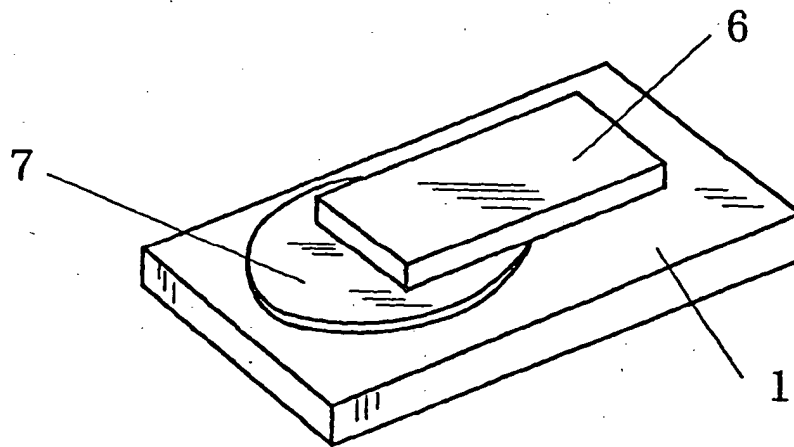


FIG.4





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EUROPEAN SEARCH REPORT

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EP 01 30 4455

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 25 September 2001	Examiner Topalidis, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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